

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1 | 1 | ("5686960").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 08:48 |
| L26 | 1 | ("20020175986").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 09:42 |
| L27 | 10 | (process\$3 WITH first WITH control WITH parameter) AND (concentration WITH ratio) AND (obtain\$3 WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/10/24 09:54 |
| L28 | 2 | (process\$3 WITH first WITH control WITH parameter) SAME (concentration WITH ratio) AND (obtain\$3 WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/10/24 09:44 |
| L29 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 11:11 |
| L30 | 0 | (image WITH process\$3) SAME (coupl\$1 NEAR1 printer NEAR2 processor) AND (coupl\$3 NEAR1 ((image WITH capture WITH device) OR camera) NEAR2 processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:14 |
| L31 | 0 | (image WITH process\$3) AND (coupl\$1 NEAR1 printer NEAR2 processor) AND (coupl\$3 NEAR1 ((image WITH capture WITH device) OR camera) NEAR2 processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:14 |
| L32 | 0 | (image WITH process\$3) AND (coupl\$1 WITH printer NEAR2 processor) AND (coupl\$3 NEAR1 ((image WITH capture WITH device) OR camera) NEAR2 processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:15 |
| L33 | 0 | (image WITH process\$3) AND (coupl\$1 WITH printer WITH processor) AND (coupl\$3 NEAR1 ((image WITH capture WITH device) OR camera) NEAR2 processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:15 |
| L34 | 25 | (image WITH process\$3) AND (coupl\$1 WITH printer WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:15 |
| L35 | 4 | (image WITH process\$3) SAME (coupl\$1 WITH printer WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:39 |
| L36 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 11:49 |
| L37 | 1 | ("5859710").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 11:50 |

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|-----|-------|--|--------------------|----|-----|------------------|
| L38 | 94 | image WITH process\$3 AND (coupling WITH (camera OR (image WITH capture WITH device)) WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:51 |
| L39 | 67 | (image WITH process\$3) SAME (coupling WITH (camera OR (image WITH capture WITH device)) WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:53 |
| L40 | 50 | (image WITH process\$3) SAME (coupling WITH camera WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:52 |
| L41 | 36 | (image WITH process\$3) WITH (coupling WITH camera WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:58 |
| L42 | 2 | (image WITH process\$3) WITH (coupling ADJ1 camera WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/10/24 11:52 |
| L43 | 574 | (382/168).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:47 |
| L44 | 1 | 382/168.ccls. AND (image WITH processing WITH plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/10/24 13:47 |
| L45 | 285 | (382/171).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:47 |
| L46 | 0 | 382/171.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area) | US-PGPUB; USPAT | OR | ON | 2007/10/24 13:48 |
| L47 | 489 | (382/170).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:48 |
| L48 | 235 | (382/172).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:48 |
| L49 | 1341 | (702/183).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| L50 | 1692 | (702/182).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| L51 | 691 | (702/186).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| S1 | 18651 | moving WITH window | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:18 |
| S2 | 809 | moving WITH window AND histogram | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:13 |
| S3 | 65 | moving WITH window AND histogram AND equalization | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:13 |
| S4 | 1 | moving WITH window AND histogram AND equalization SAME (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:14 |

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|-----|-----|--|-----------------|----|-----|------------------|
| S5 | 2 | (moving WITH window)SAME(plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:19 |
| S6 | 223 | (image WITH processing) SAME (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:21 |
| S7 | 3 | (image WITH processing) SAME (plurality WITH tile\$) SAME (control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:27 |
| S8 | 1 | (plurality WITH tile\$) SAME (control WITH parameter) SAME histogram SAME ratio SAME area SAME (first WITH output) SAME (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:29 |
| S9 | 9 | (plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) SAME (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:44 |
| S10 | 1 | (plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area SAME (first WITH output) SAME (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:45 |
| S11 | 9 | (plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:46 |
| S12 | 536 | (382/168).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:47 |
| S13 | 1 | 382/168.ccls. AND (image WITH processing WITH plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/10/24 13:47 |
| S14 | 1 | 382/168.ccls. AND (image WITH processing WITH plurality WITH tile) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:47 |
| S15 | 4 | 382/168.ccls. AND (image WITH processing AND plurality WITH tile) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:54 |
| S16 | 292 | (382/169).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/16 14:54 |
| S17 | 473 | (382/170).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:48 |
| S18 | 262 | (382/171).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:47 |
| S19 | 226 | (382/172).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:48 |

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|-----|-----|---|-----------------|----|----|------------------|
| S20 | 0 | 382/169.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:56 |
| S21 | 0 | 382/170.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:56 |
| S22 | 0 | 382/171.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area) | US-PGPUB; USPAT | OR | ON | 2007/10/24 13:48 |
| S23 | 1 | 382/168.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area) | US-PGPUB; USPAT | OR | ON | 2007/05/16 14:56 |
| S24 | 1 | image WITH processing WITH concentration WITH ratio WITH plurality WITH tile\$ | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:23 |
| S25 | 1 | image WITH processing SAME (concentration WITH ratio) SAME (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:23 |
| S26 | 2 | image WITH processing AND (concentration WITH ratio) AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:24 |
| S27 | 502 | image WITH processing AND ratio AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:24 |
| S28 | 502 | (image WITH processing) AND ratio AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:25 |
| S29 | 2 | (image WITH processing) AND (concentrat\$ WITH ratio) AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:25 |
| S30 | 120 | (image WITH processing) AND histogram AND ratio AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:26 |
| S31 | 909 | histogram WITH equalization | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:26 |
| S32 | 5 | (histogram WITH equalization) AND (concentration WITH ratio) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:27 |
| S33 | 1 | (histogram WITH equalization) AND (concentration WITH ratio) AND (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:27 |
| S34 | 2 | (histogram WITH equalization) AND (concentration WITH ratio) AND tile\$ | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:28 |
| S35 | 4 | (histogram WITH equalization) AND (determin\$ WITH ratio) AND tile | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:28 |
| S36 | 1 | (histogram WITH equalization) AND (determin\$ WITH ratio) AND (plurality WITH tile) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:29 |

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|-----|----|---|-----------------|----|-----|------------------|
| S37 | 4 | (histogram WITH equalization) AND (determin\$ WITH ratio) AND tile | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:31 |
| S38 | 6 | (determin\$ WITH ratio) SAME (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 16:03 |
| S39 | 1 | (concentration WITH ratio) SAME (plurality WITH tile\$) | US-PGPUB; USPAT | OR | ON | 2007/05/16 15:32 |
| S40 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/16 16:51 |
| S41 | 0 | prcoess\$ AND (first WITH control WITH parameter WITH ratio) AND (obtain\$ WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/16 16:54 |
| S42 | 87 | (first WITH control WITH parameter WITH ratio) AND (obtain\$ WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/16 16:54 |
| S43 | 17 | (process WITH first WITH control WITH parameter WITH ratio) AND (obtain\$ WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/16 16:59 |
| S44 | 9 | (processing WITH first WITH control WITH parameter WITH ratio) AND (obtain\$ WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/16 17:05 |
| S45 | 28 | (image WITH processing) SAME (first WITH output WITH first WITH lookup WITH table) SAME (second WITH output WITH second WITH lookup) | US-PGPUB; USPAT | OR | ON | 2007/05/16 17:07 |
| S46 | 9 | (moving WITH window) SAME (histogram WITH equalization) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:06 |
| S47 | 1 | (moving WITH window) SAME (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:08 |
| S48 | 1 | (moving WITH window) AND (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:08 |
| S49 | 1 | (moving WITH window) AND (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:09 |

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|-----|------|--|-----------------|----|-----|------------------|
| S50 | 3 | (moving WITH window) AND (histogram WITH equalization) AND tile AND histogram AND ratio AND area | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:10 |
| S51 | 3 | (moving WITH window) AND (histogram WITH equalization) AND tile AND histogram AND ratio AND area AND control | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:16 |
| S52 | 1 | ("20030086515").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 09:20 |
| S53 | 1245 | (702/183).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| S54 | 1524 | (702/182).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| S55 | 631 | (702/186).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/24 13:49 |
| S56 | 1 | 702/183.ccls. AND (moving WITH window) AND (histogram WITH equalization) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:26 |
| S57 | 1 | 702/182.ccls. AND (moving WITH window) AND (histogram WITH equalization) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:22 |
| S58 | 1 | 702/186.ccls. AND (moving WITH window) AND (histogram WITH equalization) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:22 |
| S59 | 0 | 702/186.ccls. AND (moving WITH window) AND (histogram WITH equalization) AND (plurality WITH tile) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:22 |
| S60 | 0 | 702/183.ccls. AND (moving WITH window) AND (histogram WITH equalization) AND (plurality WITH tile) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:23 |
| S61 | 1711 | processing WITH first WITH control WITH parameter | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:28 |
| S62 | 104 | processing WITH first ADJ1 control WITH parameter | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:28 |
| S63 | 31 | processing WITH (first ADJ1 control WITH parameter) AND ratio | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:29 |
| S64 | 31 | processing WITH (first ADJ1 control WITH parameter) AND ratio AND (obtain\$ second ADJ1 control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:35 |
| S65 | 1 | processing WITH (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ ADJ1 second ADJ1 control ADJ1 parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:36 |

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|-----|-----|--|-----------------|----|----|------------------|
| S66 | 3 | processing SAME (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ SAME second ADJ1 control ADJ1 parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:43 |
| S67 | 2 | (processing WITH image)SAME (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ SAME second ADJ1 control ADJ1 parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 09:44 |
| S68 | 35 | (processing WITH first WITH control WITH parameter) AND (concentration WITH ratio) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:54 |
| S69 | 24 | (processing WITH first WITH control WITH parameter) AND (concentration WITH ratio) AND (second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:40 |
| S70 | 911 | histogram WITH equalization | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:55 |
| S71 | 1 | (histogram WITH equalization) AND (first WITH control WITH parameter WITH ratio) AND (second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:56 |
| S72 | 644 | (first WITH control WITH parameter WITH ratio) AND (second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:56 |
| S73 | 31 | (first WITH control WITH parameter WITH ratio) AND (obtaining WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:57 |
| S74 | 4 | (first WITH control WITH parameter WITH concentration WITH ratio) AND (obtaining WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 11:58 |
| S75 | 31 | (first WITH control WITH parameter WITH ratio) AND (obtaining WITH second WITH control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:03 |
| S76 | 88 | control WITH parameter SAME processing WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:07 |
| S77 | 27 | control WITH parameter SAME processing WITH image WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:54 |

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|-----|----|---|-----------------|----|-----|------------------|
| S78 | 0 | control WITH parameter SAME processing WITH image WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter WITH ratio | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:55 |
| S79 | 66 | first ADJ1 control WITH parameter WITH ratio | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:56 |
| S80 | 1 | (first ADJ1 control WITH parameter WITH ratio) SAME (obtain\$ ADJ1 second ADJ1 control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:57 |
| S81 | 45 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 13:58 |
| S82 | 1 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND (image WITH processing) | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:00 |
| S83 | 1 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND image | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:01 |
| S84 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 14:02 |
| S85 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 14:06 |
| S86 | 15 | "6078686" | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:06 |
| S87 | 1 | ("6078686").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 14:11 |
| S88 | 66 | (first ADJ1 control WITH parameter) WITH ratio | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:12 |
| S89 | 45 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:13 |
| S90 | 1 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND (image WITH processing) | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:14 |
| S91 | 45 | (first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) | US-PGPUB; USPAT | OR | ON | 2007/05/17 14:16 |
| S92 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 14:16 |
| S93 | 1 | ("6078686").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 14:59 |

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|----------|------|--|--------------------|----|-----|------------------|
| S94 | 1 | ("5107529").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 15:00 |
| S95 | 1 | ("5164993").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 15:00 |
| S96 | 1 | ("5224176").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 15:01 |
| S97 | 1 | ("5390259").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 15:01 |
| S98 | 1 | ("5756981").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 15:01 |
| S99 | 9 | control WITH parameter WITH combin\$ WITH concentration WITH ratio | US-PGPUB; USPAT | OR | ON | 2007/05/17 15:37 |
| S10 0 | 0 | (combining ADJ1 control) ADJ parameter WITH (concentration ADJ ratio) | US-PGPUB; USPAT | OR | ON | 2007/05/17 15:40 |
| S10 1 | 0 | (combining ADJ1 control) WITH parameter WITH (concentration ADJ ratio) | US-PGPUB; USPAT | OR | ON | 2007/05/17 15:40 |
| S10 2 | 26 | (combining WITH control) SAME parameter SAME (concentration WITH ratio) | US-PGPUB; USPAT | OR | ON | 2007/05/17 15:41 |
| S10 3 | 0 | (histogram NEAR1 equalization) SAME (printer WITH coupled WITH processor) | US-PGPUB; USPAT | OR | ON | 2007/05/17 16:12 |
| S10 4 | 2596 | printer WITH coupled WITH processor | US-PGPUB; USPAT | OR | ON | 2007/05/17 16:13 |
| S10 5 | 52 | printer WITH coupled WITH processor SAME (image WITH processing) | US-PGPUB; USPAT | OR | ON | 2007/05/17 16:13 |
| S10 6 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 17:21 |
| S10 7 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 17:21 |
| S10 8 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 08:47 |
| S10 9 | 1 | ("6558324").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 08:57 |
| S11 0 | 1 | ("5686960").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:48 |
| S11 1 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:49 |
| S11 2 | 0 | ("2004011923").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:49 |

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|----------|---|---------------------|--------------------|----|-----|------------------|
| S11 3 | 1 | ("5686960").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:50 |
| S11 4 | 0 | ("2004011923").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:50 |
| S11 5 | 0 | ("2004011923").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:51 |
| S11 6 | 1 | ("20040119233").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:51 |
| S11 7 | 1 | ("6078686").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:52 |
| S11 8 | 1 | ("7023582").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:53 |
| S11 9 | 1 | ("5859710").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 11:53 |
| S12 0 | 1 | ("6558324").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:08 |
| S12 1 | 1 | ("5107529").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:09 |
| S12 2 | 1 | ("5164993").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:09 |
| S12 3 | 1 | ("5224176").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:09 |
| S12 4 | 1 | ("5390259").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:10 |
| S12 5 | 1 | ("5756981").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:10 |
| S12 6 | 1 | ("5982934").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:10 |
| S12 7 | 1 | ("6061091").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:11 |
| S12 8 | 1 | ("6078686").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:11 |
| S12 9 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:12 |
| S13 0 | 1 | ("6317192").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:12 |
| S13 1 | 1 | ("6370279").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:12 |
| S13 2 | 1 | ("6476863").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:13 |
| S13 3 | 1 | ("6558324").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:13 |
| S13 4 | 1 | ("6618117").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:14 |

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|----------|---|---------------------|--------------------|----|-----|------------------|
| S13 5 | 1 | ("6650772").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:14 |
| S13 6 | 1 | ("20020039436").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:14 |
| S13 7 | 1 | ("20030021488").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:14 |
| S13 8 | 1 | ("20030086515").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:15 |
| S13 9 | 1 | ("20030086608").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:15 |
| S14 0 | 1 | ("20030095206").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:16 |
| S14 1 | 1 | ("20030153823").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/21 12:16 |
| S14 2 | 1 | ("4411015").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:18 |
| S14 3 | 1 | ("5642431").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:18 |
| S14 4 | 1 | ("20020067857").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:19 |
| S14 5 | 1 | ("20050163371").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:23 |
| S14 6 | 1 | ("5107529").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S14 7 | 1 | ("5164993").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S14 8 | 1 | ("5224176").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S14 9 | 1 | ("5390259").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S15 0 | 1 | ("5756981").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S15 1 | 1 | ("5982934").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:24 |
| S15 2 | 1 | ("6061091").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:25 |
| S15 3 | 1 | ("6078686").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:25 |
| S15 4 | 1 | ("6163621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:25 |
| S15 5 | 1 | ("6317192").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:25 |
| S15 6 | 1 | ("6370279").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:25 |

EAST Search History

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|----------|-------|--|--------------------|----|-----|------------------|
| S15 7 | 1 | ("6476863").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:26 |
| S15 8 | 1 | ("6558324").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:26 |
| S15 9 | 1 | ("6618117").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:26 |
| S16 0 | 1 | ("6650772").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:26 |
| S16 1 | 1 | ("20020039436").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:27 |
| S16 2 | 1 | ("20030021488").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:27 |
| S16 3 | 1 | ("20030086515").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:27 |
| S16 4 | 1 | ("20030086608").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:27 |
| S16 5 | 1 | ("20030095206").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:28 |
| S16 6 | 1 | ("20030153823").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/23 16:28 |
| S16 7 | 93993 | concentration WITH ratio | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:30 |
| S16 8 | 9720 | concentration ADJ1 ratio | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:30 |
| S16 9 | 40 | (process\$3 WITH image) SAME concentration ADJ1 ratio | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:31 |
| S17 0 | 40 | (process\$3 WITH image) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:31 |
| S17 1 | 28 | (process\$3 WITH image) WITH (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:45 |
| S17 2 | 2 | (histogram WITH equalization) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:36 |
| S17 3 | 3 | (histogram WITH equalization) AND (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:36 |
| S17 4 | 0 | (moving WITH winfow OR JPEG OR MPEG) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |
| S17 5 | 0 | (moving WITH winfow) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |
| S17 6 | 1 | (moving WITH window) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |
| S17 7 | 0 | (MPEG OR JPEG) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |

EAST Search History

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|----------|-----|--|--------------------|----|----|------------------|
| S17 8 | 0 | (MPEG) SAME (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |
| S17 9 | 123 | (MPEG) AND (concentration ADJ1 ratio) | US-PGPUB; USPAT | OR | ON | 2007/10/23 16:46 |